

Title (en)
Vertical wind tunnel freefall simulator

Title (de)
Windtunnelfallschirmsprungsimulator

Title (fr)
Simulateur de parachutisme sportif

Publication
EP 2287073 A2 20110223 (EN)

Application
EP 10185510 A 20050801

Priority
• US 90908804 A 20040730
• US 18494005 A 20050719
• EP 05803928 A 20050801
• US 2005027750 W 20050801

Abstract (en)
A vertical wind tunnel free fall simulator comprises a recirculating airflow plenum having a generally rectangular configuration. The simulator further comprises a vertical flight chamber (10,1503,2202), capable of floating at least one human housed within a first vertical member of the airflow plenum. Part of the simulator are also one or two return ducts of generally rectangular configuration, whereas each return duct comprises a top horizontal member (30), a second vertical member (5), and bottom horizontal member (7). At least one fan assembly (3) comprising a plurality of fans is arranged in each return duct.

IPC 8 full level
B64D 23/00 (2006.01); **A01K 73/02** (2006.01); **A63G 31/00** (2006.01)

CPC (source: EP KR US)
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Citation (third parties)
Third party :
• US 3484953 A 19691223 - NORHEIM RAY H JR
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Designated contracting state (EPC)
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